

Amendments to the Claims:

This Listing of Claims will replace all prior versions, and listings, of claims in the Application:

Listing of Claims:

1. (Original) A concrete mixing truck for transporting concrete from one location to another comprising:

a chassis including: a frame, a first power source coupled to the frame, wheels coupled to the frame, and a first drivetrain coupling the first power source and the wheels;

a second drivetrain coupled to a second power source; and

a mixing drum coupled to the frame and to the second drivetrain, the drum comprising:

a wall including an inner surface defining a volume and an outer surface;

and

at least one formation coupled to the wall and extending from the inner surface of the wall, the formation including a body, a support member disposed within the body, and at least one spacer disposed proximate the support member, at least a portion of the spacer being encapsulated by the body.

2. (Original) The concrete mixing truck of claim 1, wherein the formation and the wall are integrally formed as part of a single unitary body.

3. (Original) The concrete mixing truck of claim 1, wherein the first power source and the second power source are the same power source.

4. (Original) The concrete mixing truck of claim 1, wherein the formation includes a base region, an intermediate region, and an end region.

5. (Original) The concrete mixing truck of claim 4, wherein the support member is embedded within the end region of the formation.

6. (Original) The concrete mixing truck of claim 5, wherein the at least one spacer is embedded within the end region.
7. (Original) The concrete mixing truck of claim 6, wherein the at least one spacer resiliently engages the support member.
8. (Original) The concrete mixing truck of claim 7, wherein the at least one spacer extends from the support member to an exterior of the body.
9. (Original) The concrete mixing truck of claim 8, wherein the at least one spacer substantially surrounds the support member.
10. (Original) The concrete mixing truck of claim 9, wherein the body is a first material and wherein the first material flows around the at least one spacer when the first material is in an uncured state.
11. (Original) The concrete mixing truck of claim 10, wherein the at least one spacer includes at least one aperture through which the first material flows to encapsulate at least a portion of the at least one spacer.
12. (Original) The concrete mixing truck of claim 9, wherein the at least one spacer is a helical spring.
13. (Original) The concrete mixing truck of claim 9, wherein the at least one spacer includes an outside diameter and an inside diameter.
14. (Original) The concrete mixing truck of claim 13, wherein at least a portion of the outside diameter of the at least one spacer lies on the surface of the body.
15. (Original) The concrete mixing truck of claim 1, wherein the support member is torsionally flexible.

16. (Original) The concrete mixing truck of claim 1, wherein the support member is a composite.
17. (Original) The concrete mixing truck of claim 16, wherein the composite includes fibers and a resin.
18. (Original) The concrete mixing truck of claim 17, wherein the fibers include one of carbon and graphite fibers.
19. (Original) The concrete mixing truck of claim 17, wherein the resin is a urethane-based resin.
20. (Original) The concrete mixing truck of claim 1, wherein the support member has a circular cross-section.
21. (Original) The concrete mixing truck of claim 4, wherein the base region of the formation is tapered.
22. (Original) The concrete mixing truck of claim 1, wherein the wall includes at least one seam.
23. (Original) The concrete mixing truck of claim 22, further comprising a ramp extending from the inner surface of the wall proximate the seam.
24. (Original) The concrete mixing truck of claim 1, wherein the drum further comprises a drive ring coupled to the wall.
25. (Original) The concrete mixing truck of claim 1, wherein the wall includes an opening.
26. (Original) The concrete mixing truck of claim 25, wherein the drum includes a hatch cover engaging the opening.

27. (Original) The concrete mixing truck of claim 26, wherein the hatch cover includes a first panel on a first side of the opening and a second panel on a second side of the opening, and wherein the first panel is coupled to the second panel.

28-80. (Canceled)

81. (New) The concrete mixing truck of claim 1, wherein the formation comprises a mixing drum blade.

82. (New) The concrete mixing truck of claim 1, wherein the formation extends around the inner surface of the wall in the form of an archimedial spiral.

83. (New) The concrete mixing truck of claim 1, wherein the wall comprises an inner layer and an outer layer.

84. (New) The concrete mixing truck of claim 83, wherein the inner layer is an elastomeric material.

85. (New) The concrete mixing truck of claim 83, wherein the outer layer is a fiber reinforced composite material.

86. (New) The concrete mixing truck of claim 83, wherein the formation and the inner layer are integrally-formed as part of single unitary body.

87. (New) The concrete mixing truck of claim 21, wherein the greatest width of the base region is approximately six inches.

88. (New) The concrete mixing truck of claim 87, wherein the greatest height of the base region is approximately five inches from the inside surface of the mixing drum.